INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31755

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B65B 1/04; A47J 47/18					
US CL : 141/102; 15/264					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S.: 141/2, 18, 67, 100-107192, 198, 231, 360, 363-366, 375; 15/260, 264; 220/500, 531, 54					
Documentati	on searched other than minimum documentation to the	e extent th	at such documents are included	in the fields searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
EAST					
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C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.	
х	US 3,045,252 A (SORRELLS) 24 July 1962 (24.07.1962) see entire document 1-5, 6-15,			1-5, 6-15, 17 and 18	
	25 5,0 15,125 11 (BSATELLES) 2.1 May 1502 (B10011502) 300 SAME BESTANDED			10,010,11 == 10	
۸ .	A US 6.115.877 A (MORAD et al) 12 September 2000 (12.09.2000), see entire document.				
Δ.	A US 6,115,877 A (MORAD et al) 12 September 2000 (12.09.2000), see entire document.				
A	A US 4,798,307 A (EVRARD) 17 January 1989 (17.01.1989), see entire document.			1-18	
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Further documents are listed in the continuation of Box C. See patent family annex.					
* Special categories of cited documents: "T" later document published after the international filing date or priority					
			date and not in conflict with the applica	ation but cited to understand the	
	t defining the general state of the art which is not considered to be		principle or theory underlying the inve	ntion	
or partici	ılar relevance	"X"	document of particular relevance; the	laimed invention cannot be	
"E" carlier at	oplication or patent published on or after the international filing date	A	considered novel or cannot be consider		
1			when the document is taken alone	-	
	t which may throw doubts on priority claim(s) or which is cited to	"Y"	d	1-1	
establish specified	the publication date of another citation or other special reason (as	- x	document of particular relevance; the considered to involve an inventive step		
specifica	•		combined with one or more other such		
"O" documen	t referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the		
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"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed				аппу	
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Date of the actual completion of the international search		Date of mailing of the international search report			
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Mail Stop PCT, Attn: ISA/US			Timothy L Maust		
Commissioner for Patents			THIOTHY L Maust		
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telepi			ne No. (703) 308-0975		
T.WOSTHITTE IA	Facsimile No. (703) 305-3230				

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